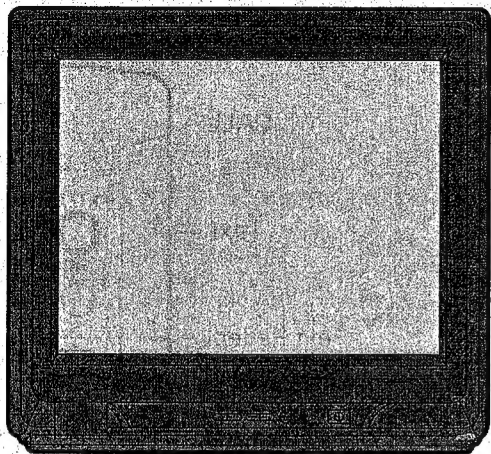


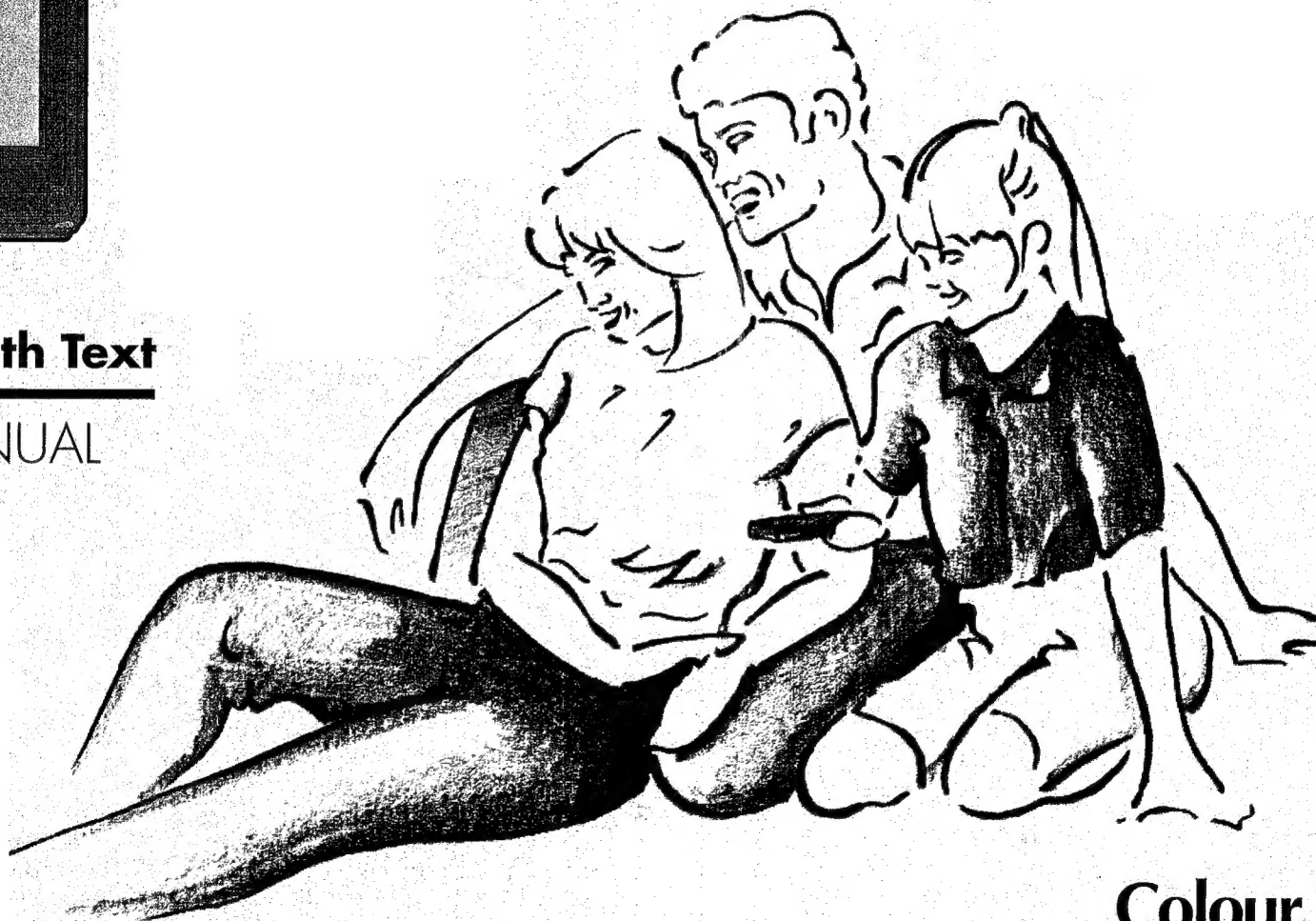
# TOSHIBA



**2150 Remote**  
**2150 Remote with Text**

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OWNER'S MANUAL



**Colour Television**

# For your guidance

## Safety tips:

SOME DO'S AND DON'TS ON THE SAFE USE OF EQUIPMENT. PLEASE READ THE FOLLOWING POINTS CAREFULLY. THEY ARE OF A GENERAL NATURE, INTENDED TO HELP YOU WITH ALL YOUR ELECTRONIC CONSUMER PRODUCTS. SOME ITEMS MAY NOT APPLY TO THE GOODS YOU HAVE JUST PURCHASED.

This equipment has been designed and manufactured to meet international safety standards, but like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. **DO** read the operating instructions before you attempt to use the equipment.

**DO** ensure that all electrical connections, including the mains plug, extension leads and inter connections, between pieces of equipment, are properly made and in accordance with the manufacturers instructions. Switch off and withdraw the mains plug when making or changing connections.

**DO** leave at least 10 cm around the top, sides and back of the TV to allow adequate ventilation and sound response.

**DO** be careful with glass panels or doors on equipment.

**DON'T** continue to operate the equipment if you are in any doubt about it working normally, or it is damaged in any way - switch off, withdraw the mains plug and consult your dealer.

**DON'T** remove any fixed cover as this may expose dangerous voltages.

**DON'T** leave equipment switched on when it is unattended, unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off using the switch on the equipment and make sure your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.

**DON'T** use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.

**DON'T** listen to headphones at high volume, as such use can permanently damage your hearing.

**DON'T** obstruct the ventilation of the equipment for example, with curtains or soft furnishings. Overheating will cause damage and shorten the life of the equipment.


**DON'T** use makeshift stands and NEVER fix legs with wood screws - to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided, according to the instructions.

**DON'T** allow electrical equipment to be exposed to rain or moisture. ABOVE ALL - NEVER let anyone, especially children, push anything into holes, slots or any other openings in the case - this could result in a fatal electric shock - NEVER guess or take chances with electrical equipment of any kind - it is better to be safe than sorry.

## A SELF HELP GUIDE FOR SIMPLE PROBLEM SOLVING

If your TV fails to operate correctly, we recommend that the following simple checks are carried out before contacting your local Toshiba dealer:



### No Picture or Sound.

Check mains switches are on, press . Plug into a known working mains socket. 'Timer off' facility has operated.

### Poor or no Picture.

Try a different TV station, check your aerial and connections. Adjust fine tuning.

### Good picture but no sound.

Press  or press .

### If you have problems with text.

Go to the main index page of the text service and look for the User Guide. This will explain the basic operation of text in some detail.


### Remote Control does not work.

Check the batteries.

### Coloured Patches on Screen

These can be caused by magnetic interference. Switch off the TV for 10 minutes, then switch on again. The TV should now be de-magnetised.

# Specifications

Model	2150 RN/TN
Receiving system	CCIR B/G PAL VHF: 2-4, 5-12, S1-S20, S21-S41 UHF: 21-69
Programme Positions	60
Sound output (at 10% distortion)	1.5W
AV in/out	 Scart full 21 pin
AV input front	Video/audio
Headphone Socket	3.5 mm
Dimensions	530 mm (W) 476 mm (H) 485 mm (D)
Power consumption (at AC 220-240V 50Hz)	Remote 71W Remote with Text 73W
Weight	19.7 Kg (approx)
Accessories	1. Remote Control 2. Batteries (R6, AA)

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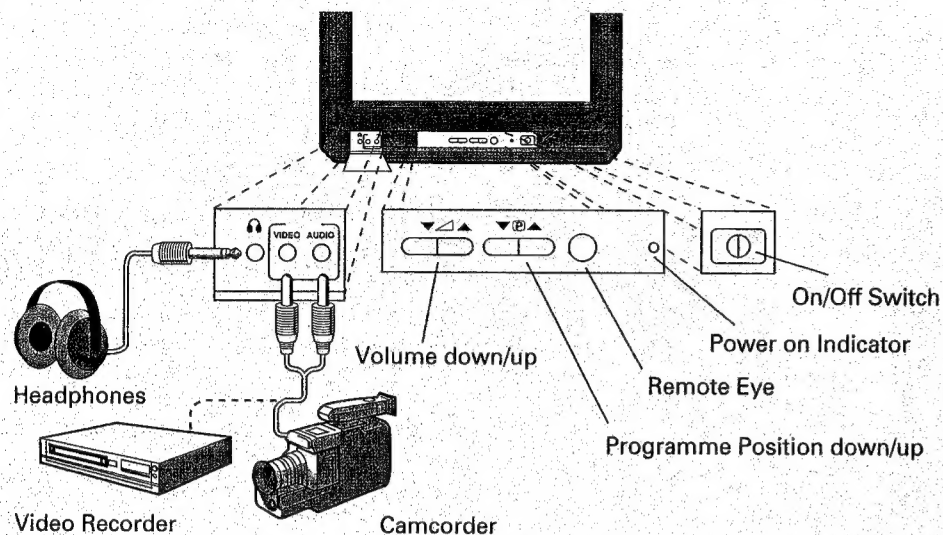
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Northolt Avenue, Ernesettle, Plymouth, Devon, England PL5 2TS  
Specification is subject to change without notice.

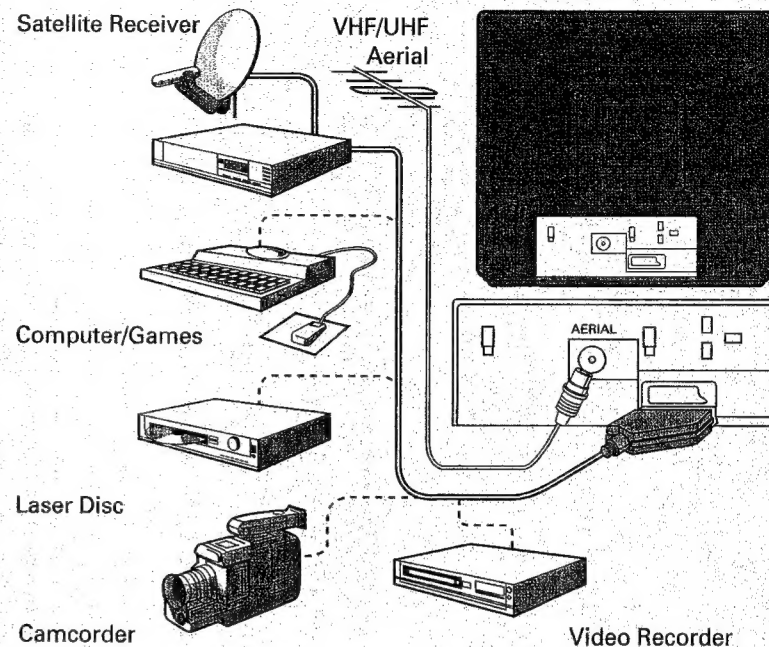
Originated by Kensa Illustration & Design, Saltash, Cornwall.  
Printed by Deltor Communications Ltd., Torpoint, Cornwall.

# TV Front Connections



For your convenience you can now make connection of computer games, camcorders etc. much more easily. These are accessible through the sockets located on the front of the TV set.

# TV Back Connections



## Positioning and Connecting Your TV

The mains supply required for this equipment is 220v to 240v 50Hz. Never connect to a DC supply or any other power source.

### Positioning and connecting your TV:

Locate the television where direct sunlight does not impair the picture, soft and indirect lighting is recommended for comfortable viewing. Leave at least 10cm clearance around the sides, top and back of the TV to allow adequate ventilation and sound response.

Avoid excessively warm locations to prevent possible damage to the cabinet or components. Do not expose to excessive moisture or humid conditions.

### Aerial

To get the clearest picture and best text operation we strongly advise that you use either a roof-top or loft mounted aerial. Your local Toshiba dealer will advise you accordingly.

### Connecting up



Connect the Aerial plug to the socket on the rear of the television. Connect the mains plug to a suitable power point and switch on.



# Connecting satellite receiver/video recorder


## Automatic Selection Via Scart

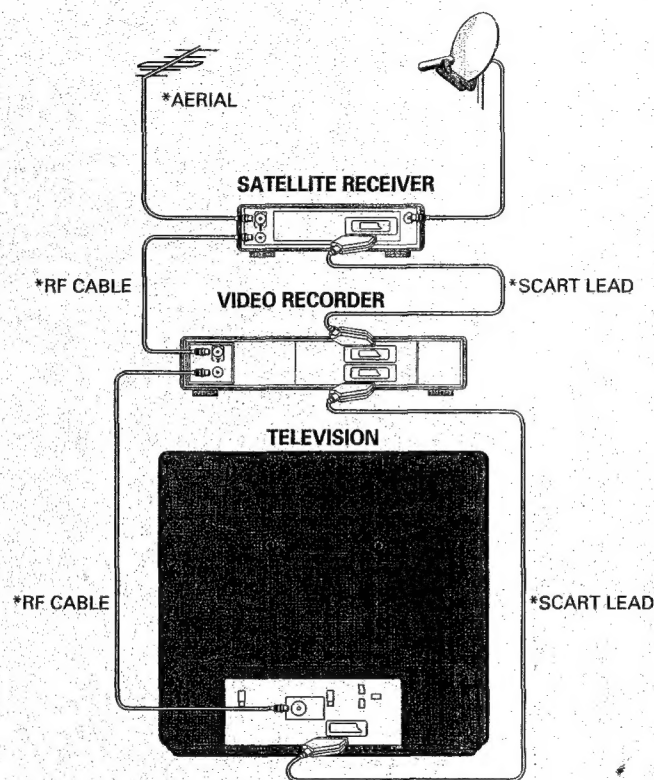
For easier operation this television will automatically select pictures and sound from auxiliary equipment, when they are used, provided that they are connected via a scart lead, and that the auxiliary equipment has this feature. For example: Video recorders in playback mode.

To return to TV stations after automatic selection has taken place, simply press either the  button twice, or the desired programme position button. If the auxiliary equipment does not have this feature, then use the  button to switch between auxiliary and TV.

If your auxiliary equipment does not have a scart socket. Connect the video, satellite receiver etc. to the TV via the aerial socket.

To tune your TV to a video recorder/satellite receiver: Press the 'Power On' button on the video recorder/satellite receiver and switch on the test signal, then tune as normal.

Press the  or MENU button on the remote control repeatedly until the >>> appears. Press the + button to commence the search. When the signal is found, assign your chosen programme position(s).



To connect your television to a video recorder with 2 scart sockets and to a satellite receiver with 1 scart socket:

1. Connect the aerial/R.F. cables as shown.
2. Connect the scart leads as shown.
3. This configuration will now enable you to record directly from the satellite receiver in stereo (if your equipment has this facility).

If your auxiliary equipment does not have the scart connections as shown, see below or contact your local dealer.

If your satellite receiver has 2 scart sockets and your video recorder has 1 scart socket:

1. Connect the aerial/R.F. cables as shown.
2. Connect one scart lead from the satellite receiver to the television. Connect another scart lead from the satellite receiver to the video recorder.
3. This configuration will now enable you to record directly from the satellite receiver in stereo (if your equipment has this facility).

Alternatively:

If your satellite receiver and your video recorder each have 1 scart socket you will need a switch to record in stereo from the satellite receiver:

1. Connect the aerial/R.F. cables as shown.
2. Connect the scart leads for both the satellite receiver and video recorder to a switch (for details contact your local Toshiba dealer).
3. Connect the switch to your television via a scart lead.
4. This configuration will now enable you to record directly from the satellite receiver in stereo (if your equipment has this facility) whilst watching a terrestrial TV programme.

\* Not supplied with this television.  
Full specification scart leads are required.


1

# Tuning-in

Press the on/off switch to turn on the TV.

The Power-On red light will glow.

Press button 1 on the remote control.

Press the  or MENU button on the remote control repeatedly, until the >>> symbol appears.

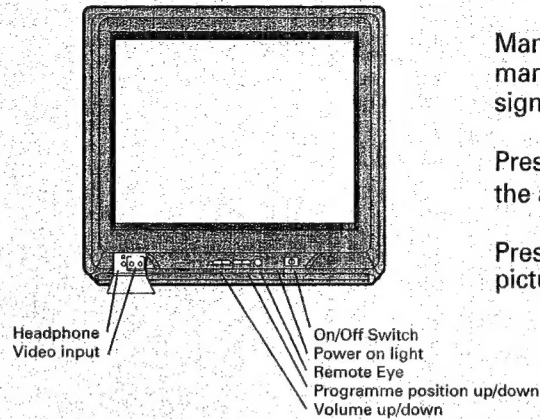
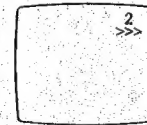
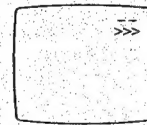
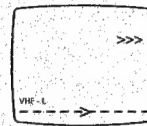
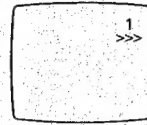
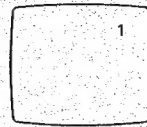
Press the + button. The > indicator will show the progress while the TV searches for a station. When a station is found, it will be displayed. If the picture quality is poor, due to a weak signal, press the + button again to restart the search.

**Note:** When the end of the band is reached, the set will automatically start the next band.

When a station is found the >>> symbols will appear. You must enter a programme position number of your choice using the numbered buttons on the remote control unit. For programme positions 0 to 9, always enter 0 followed by the required number.


**Note:** The display will remain on screen until you allocate a programme position number to a station. Press the + button to continue the search.

**Note:** When the end of the search is reached the tuning display disappears. By pressing the + button again, tuning will re-commence at the start of the band.

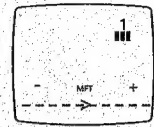


## Manual Fine Tune (Not normally necessary)

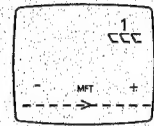
Manual Fine Tune will enable you to search manually up and down to find the strongest signal.

Press the  or MENU button repeatedly until the adjacent display appears.

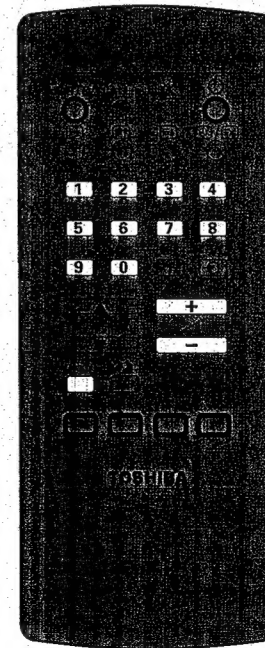
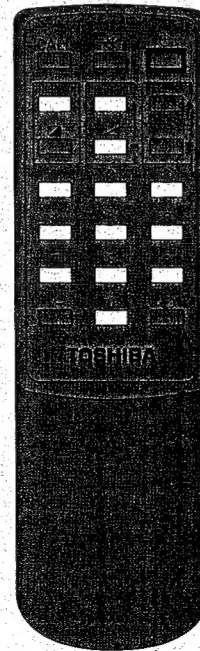
Press the + (or -) buttons to optimise the picture.







OR



**Tuning-in is now complete.**



Whilst all the necessary adjustments and controls for your new TV are made using the remote control, you can alter the volume  and programme position  using the  or  buttons on the front of the TV set.

**Please note:** The set must be fully tuned-in to enable you to use these buttons.

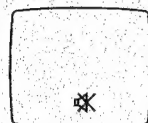
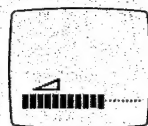
# Using your TV

## To alter the volume

To raise (or lower) the volume press the  $\Delta$  + (or -) buttons. The display will show the changes.

Alternatively, the sound can be muted simply by pressing the  $\times$  button. The  $\times$  symbol will appear on the screen. To restore the sound, press the  $\times$  button again.

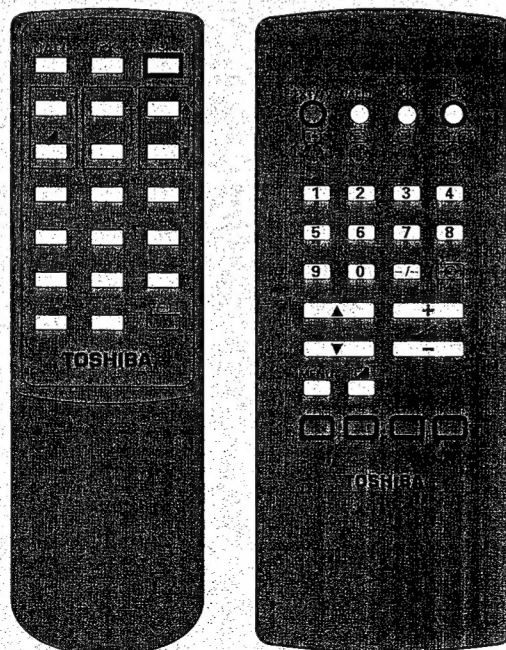
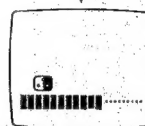
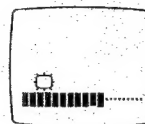
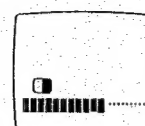
**Note:** To identify the current programme position press the CALL button. Press again to cancel the display.



## To adjust the Contrast, Brightness and Colour

Press the  $\square$  button repeatedly to select between the Contrast  $\square$ , Brightness  $\square$  and Colour  $\square$ .

You can select your own levels of Contrast  $\square$ , Brightness  $\square$  and Colour  $\square$ . Use the + button to increase the level and the - button to decrease the level. Any changes made will automatically be stored in memory when the display disappears.



## Standby Button $\text{O}$ :

This allows you to put the set into standby mode when leaving the TV unattended for short periods of time. To return to TV mode press the  $\text{O}$  button, or any of the numbered buttons on the remote control.

## To change programme position

To select a programme position press one of the numbered buttons.

The programme position will be displayed in the top right corner of the screen.

For programme positions below 10, press the -/- button to select -. Enter the desired programme position number using the numbered buttons on the remote control.

For programme positions above 9, press the -/- button to select --. Enter the desired 2 digit programme position number (10-59).

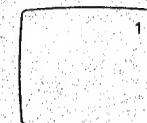
Alternatively, you can change the programme position by using the  $\Delta$  button to increase the programme position by one or the  $\nabla$  to reduce the programme position by one.

## To select the Off Timer

Press the  $\square$  or MENU button to bring up the adjacent display. Press the + button repeatedly to increase the time in 5 minute steps. Pressing the - allows you to decrease the time.

Allow the display to disappear - the timer is now set.

**Note:** To return the set to TV mode after the timer has operated, press either the  $\text{O}$  button or any of the numbered buttons on the keypad.





# 3



## Text Functions (Text model only)

### **TXT/TV To display a page of text:**

Press the **TXT/TV** button to display the initial page. Press again to superimpose the text over a normal broadcast picture. Press again to return to normal TV mode.




### **To display an index page:**

Press the  button to call up the index page for the subject area you are viewing. If you are viewing a section index, by pressing the  button again you will see the general index.




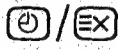
### **To enlarge the text display size:**

Press the  button once to enlarge the top half of the page, press again to enlarge the bottom half of the page. Press again to revert to the normal size.

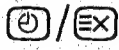


### **To hold a wanted page:**

At times it is convenient to hold a page of text. Press the  button and the word STOP will appear in the top left of the screen. Press again to release.




### **To select a page whilst viewing a normal picture:**

If, whilst in text mode, the  button is pressed, a normal picture will be displayed. A page selection can be entered and the TV will indicate its presence by displaying a box with the selected page number in the top left hand corner of the screen. Press the **TXT/TV** button to view the page.



### **To reveal concealed text:**


Some pages cover topics such as quizzes and jokes. To discover the solutions press the  button.



### **To view Time Display:**

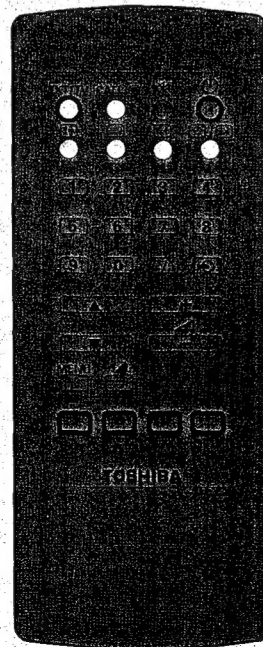
If you press the button whilst watching a normal TV broadcast, you will see a very accurate time display appear in the top right corner of the screen.

### **To display news flashes:**

Select the news flash page for the particular text service (see the index page of text service). Press the  button.

News flashes will be displayed when they are broadcast.

**Note:** It will not be possible to change programme position or use any of the other functions whilst in this mode, you will have to press the **TXT/TV** button to cancel the text first.



# 4

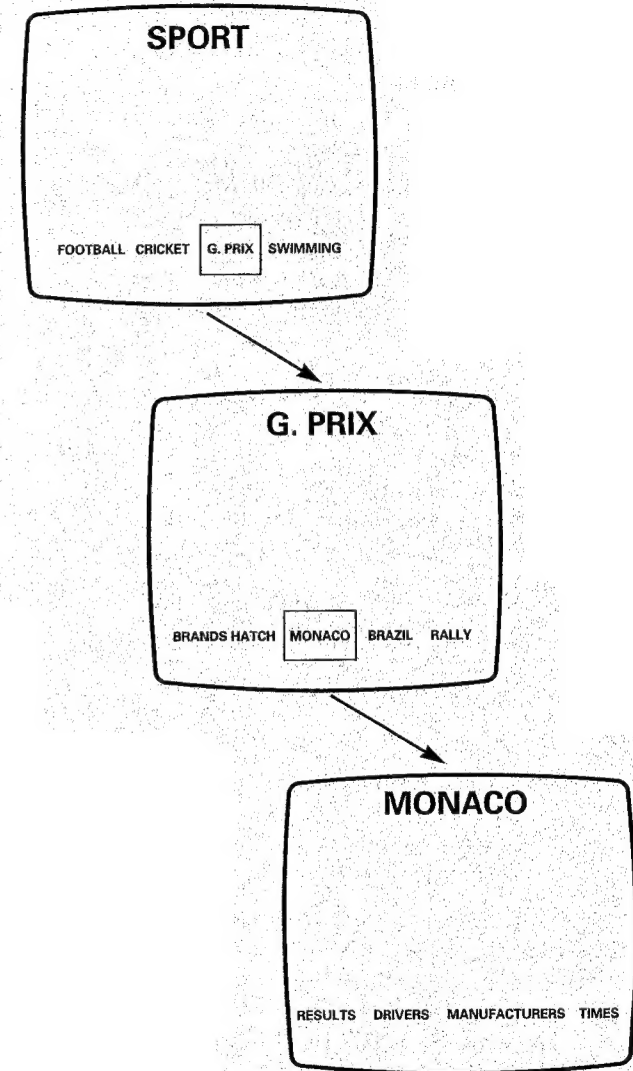
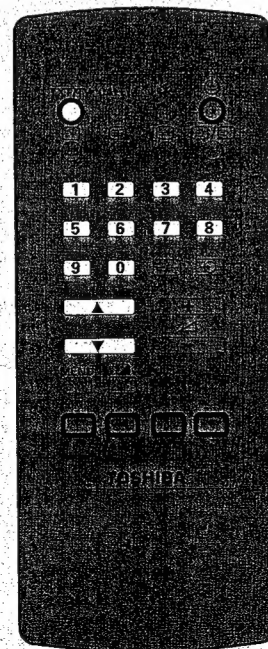
## Fastext (Text models only)

Press the **TXT/TV** button to select Text mode. The subject areas are displayed along the bottom of the screen and are printed in RED, GREEN, YELLOW and BLUE. To select one of the subject areas simply press the corresponding button on the remote control.

Alternatively, you can access any text page by simply entering the appropriate 3 digit page number using the numbered buttons on the remote control.

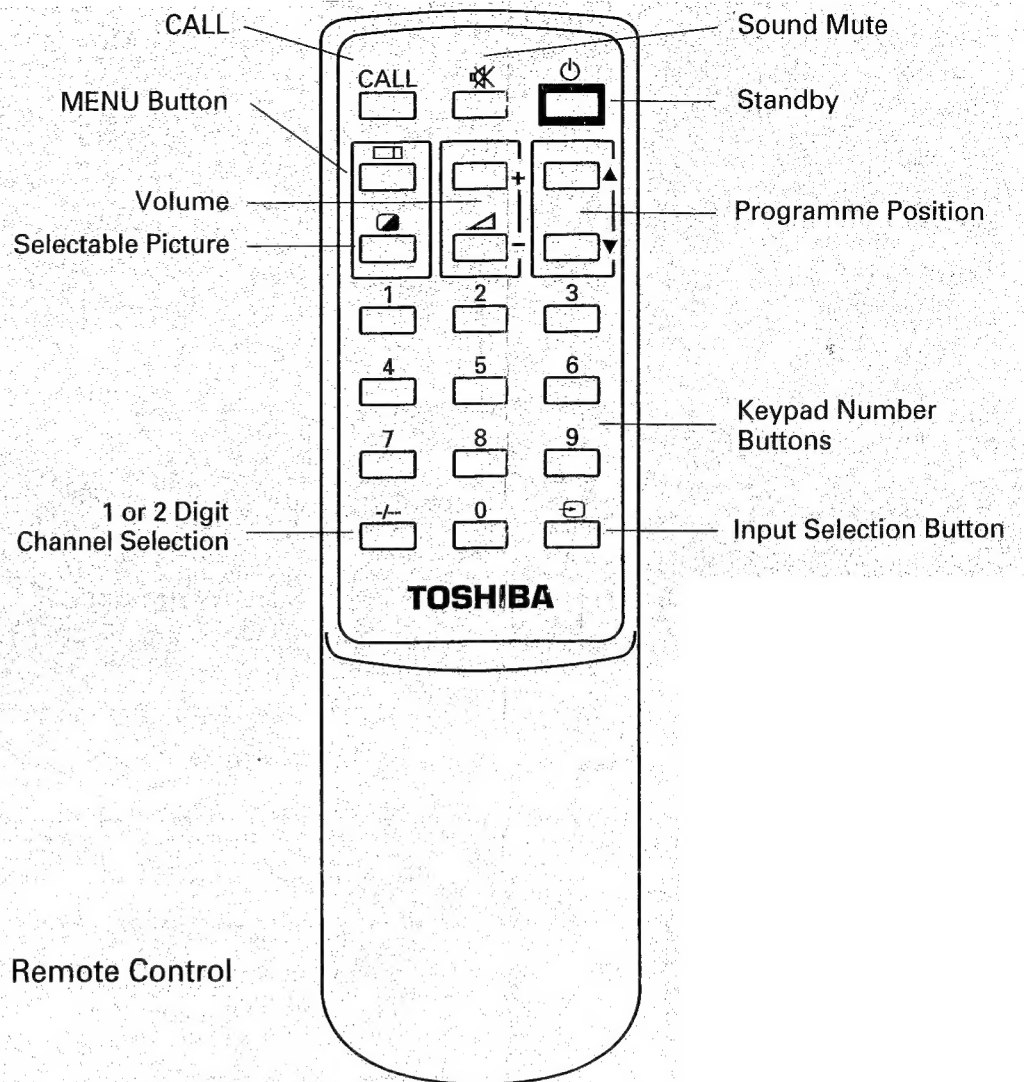
To advance to the next page of text press the **▲** button, to go back to the previous page of text press the **▼** button.

This will enable you to advance through the pages without having to enter each 3 digit page number.



**Note:** It will not be possible to change programme position or use any of the other functions whilst in this mode, you will have to press the **TXT/TV** button to cancel the text first.





# Remote with Text

